

SURFACTANT BLENDS FOR AQUEOUS SOLUTIONS

USEFUL FOR IMPROVING OIL RECOVERY

ABSTRACT OF THE INVENTION

5 The present invention relates to an aqueous fluid useful for the recovery of
a liquid hydrocarbon from subterranean reservoirs comprising an aqueous media and a
surfactant blend. The aqueous fluid has an alkaline pH. The surfactant blend comprises
at least one synthetic polyisobutylene surfactant and at least one secondary surfactant
selected from the group consisting of sulfonate surfactants, alcohols and nonionic
10 surfactants. The surfactant blend lowers the interfacial tension between hydrocarbon oil
and the aqueous fluid.